

## ABSTRACT

Methods and apparatus for automating network testing to determine device interoperability and standards compliance in a network setting are described. The invention provides for maintaining clock error information for multiple network clocks and for adjusting test results obtained from taking measurements at different network locations using time information obtained from different clocks. After correction of detected event, e.g., result, time stamps, the detected events are compared to a list of expected events. The results of the comparison are categorized and processed to form a report. The report includes undetected events as well as detected events which were not expected. To simplify the report, the first undetected expected event in each chain of expected events is listed in the report with related undetected expected events in the same chain of expected events being omitted from the report.